



1763

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

**Ingle, et al.**

Serial No. **09/470,446**

Filing date: **December 22, 1999**

Title: **Gas Delivery Metering Tube**

Examiner: **Zervigon, R.**

Art Unit: **1763**

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**JAN 06 2003**

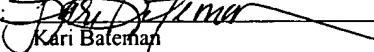
**TC 1700**

Date: **December 23, 2002**

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being sent via first class mail, postage prepaid in an envelope addressed to:  
Assistant Commissioner for Patents, Box Non-Fee  
Amendment, Washington, D.C. 20231 on December 23, 2002.

Signed:



Kari Bateman

**TRANSMITTAL LETTER**

Box: NON-FEE AMENDMENT  
Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Please find enclosed the following documents relating to the subject patent application:

- Amendment in response to Office Action dated September 24, 2002;
- Please charge any additional fees or credit any overpayment to Deposit Account No.50-2319 (Order No. A-67178/MSS/MDV (463035-409));
- Stamp addressed return postcard.

Respectfully submitted,

By:

  
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12

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Application Number: 09/470,446

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Group Art Unit: 1763

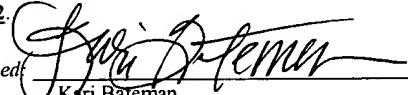
JAN 06 2003

Examiner: Zervigon, R.

TC 1700

CERTIFICATE OF MAIL (37 CFR 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Box Non-Fee Amendment, Washington, DC 20231 on December 23, 2002.

Signed:   
Kari Bateman

AMENDMENT

**BOX NON-FEE AMENDMENT**  
Assistant Commissioner for Patents  
Washington, D.C. 20231

This amendment is in response to the Office Action mailed September 24, 2002 in the above referenced application.

In the Claims:

No claim amendments are proposed herein. All pending claims are presented below for your convenience.

1. (Previously amended) A gas delivery metering tube for delivering a gas, comprising:  
at least one innermost and outermost axially aligned, elongated, nested tubes having an effective annular space formed between said at least one innermost and outermost nested tubes, said tubes each having two ends, said innermost tube being attached to a gas supply at one end and capped at the other end;

one or more arrays of orifices formed in each of said at least one innermost and outermost nested tubes and extending along the substantial length of each of said tubes;

wherein the one or more arrays of orifices formed in said innermost tube establish a substantially uniform backing pressure along substantially the length of the innermost tube, thereby promoting substantially uniform delivery of the gas out of the orifices in the outermost